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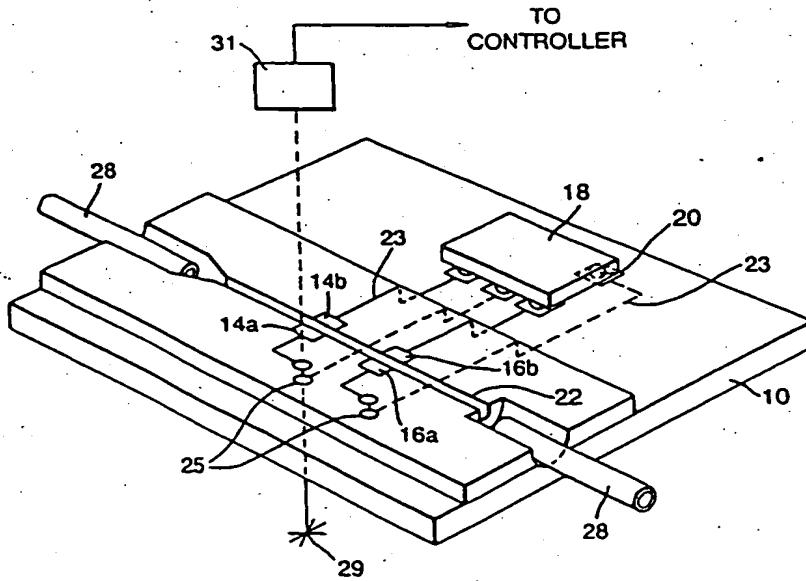
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(71) Applicant (for all designated States except US): ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE)			
(72) Inventors; and		Published	
(75) Inventors/Applicants (for US only): DODGSON, John [GB/GB]; 71 Ballards Way, Croydon, Surrey CR2 7JP (GB). CORLESS, Anthony, Robert [GB/GB]; Schillings, Pound Farm Lane, Ash, Surrey GU12 6EG (GB).		<i>Without international search report and to be republished upon receipt of that report.</i>	
(74) Agent: BROWN, Andrew, Stephen; AstraZeneca, Global Intellectual Property, P.O. Box 272, Mereside, Aderley Park, Macclesfield, Cheshire SK10 4GR (GB).			

(54) Title: APPARATUS FOR, AND METHOD OF, INTRODUCING A SUBSTANCE INTO AN OBJECT



(57) Abstract

The invention relates to an apparatus for and method of introducing a substance into an object, particularly into a cell or cellular material. In a preferred arrangement apparatus receives the cell and preferably locates it between first and second electrodes and applies a voltage pulse to cause a disruption in the cell wall. This causes the cell to become permeable. The substance may then be introduced, for example under a fluid pressure. Cells may then be inspected and sorted into transfected and non-transfected types. This may be achieved automatically, for example by using electrophoresis.